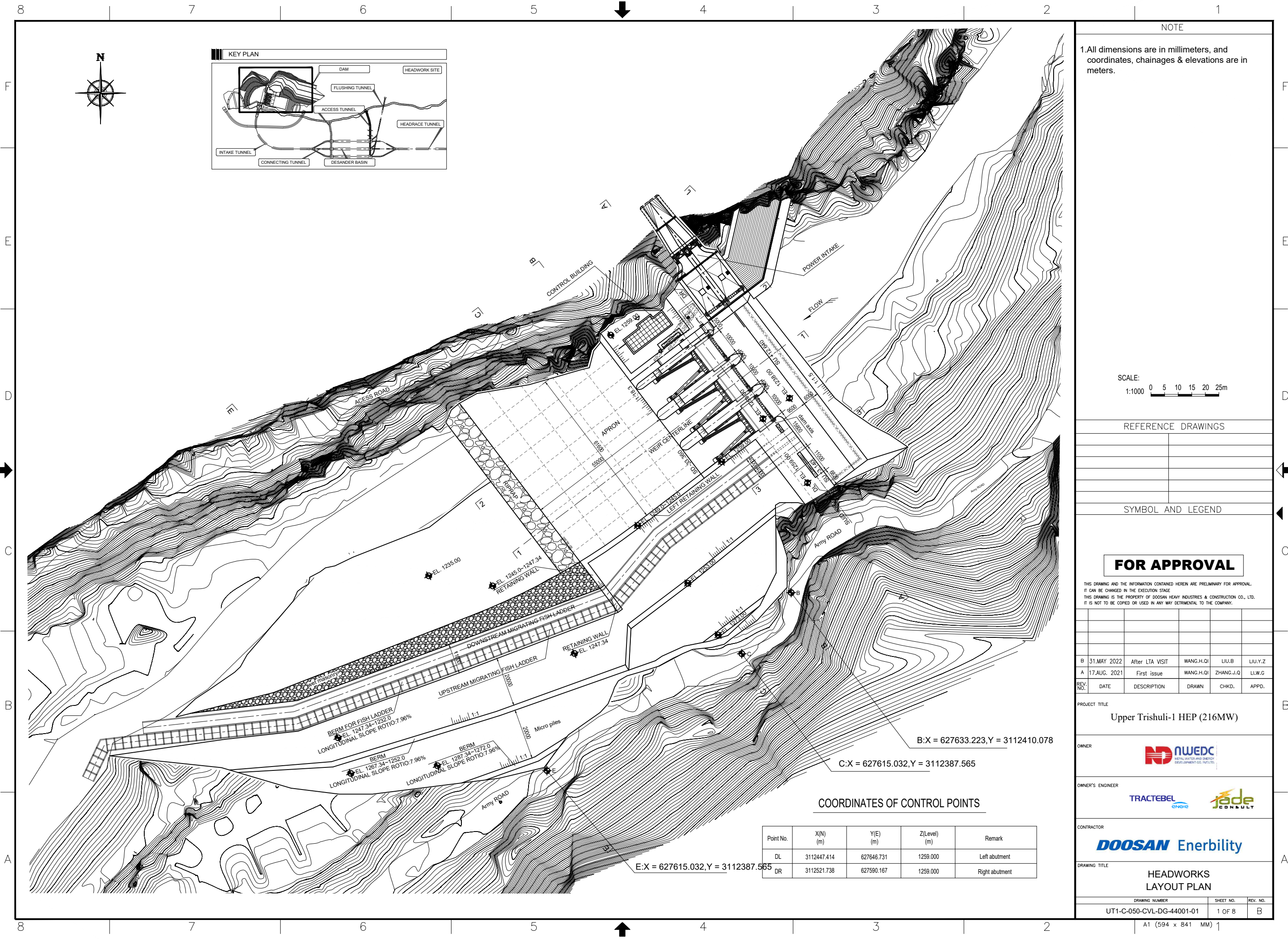




NOTE

1.All dimensions are in millimeters, and coordinates, chainages & elevations are in meters.

SCALE:
1:1000 0 5 10 15 20 25m

REFERENCE DRAWINGS

SYMBOL AND LEGEND

FOR APPROVAL

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REV. NO.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
B	31.MAY. 2022	After LTA VISIT	WANG.H.QI	LIU.B	LIU.Y.Z
A	17.AUG. 2021	First issue	WANG.H.QI	ZHANG.J.Q	LIU.W.G

PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

OWNER

NATIONAL WATER AND ENERGY DEVELOPMENT CO. LTD.

OWNER'S ENGINEER
 

CONTRACTOR


DRAWING TITLE
HEADWORKS
LAYOUT PLAN

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44001-01	1 OF 8	B

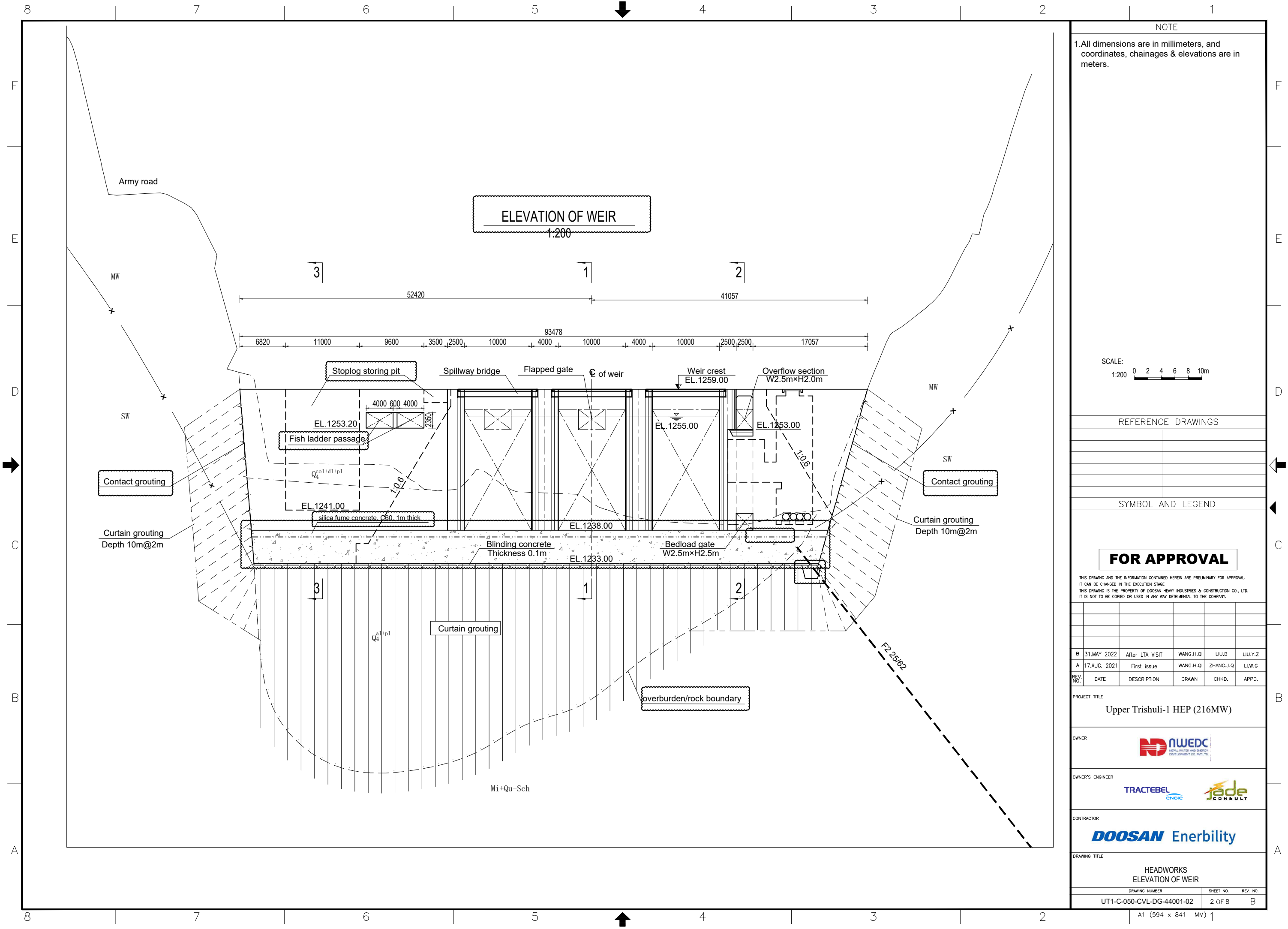
COORDINATES OF CONTROL POINTS

Point No.	X(N) (m)	Y(E) (m)	Z(Level) (m)	Remark
DL	3112447.414	627646.731	1259.000	Left abutment
DR	3112521.738	627590.167	1259.000	Right abutment

E:X = 627615.032,Y = 3112387.565

C:X = 627615.032,Y = 3112387.565

B:X = 627633.223,Y = 3112410.078



NOTE

1.All dimensions are in millimeters, and coordinates, chainages & elevations are in meters.

SCALE:
1:200

0 2 4 6 8 10m

REFERENCE DRAWINGS

SYMBOL AND LEGEND

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REV. NO.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.

PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

OWNER

NWEDC
NATURAL WATER AND ENERGY DEVELOPMENT CO., LTD.

OWNER'S ENGINEER

TRACTEBEL
ENSCHE

jade
CONSULT

CONTRACTOR

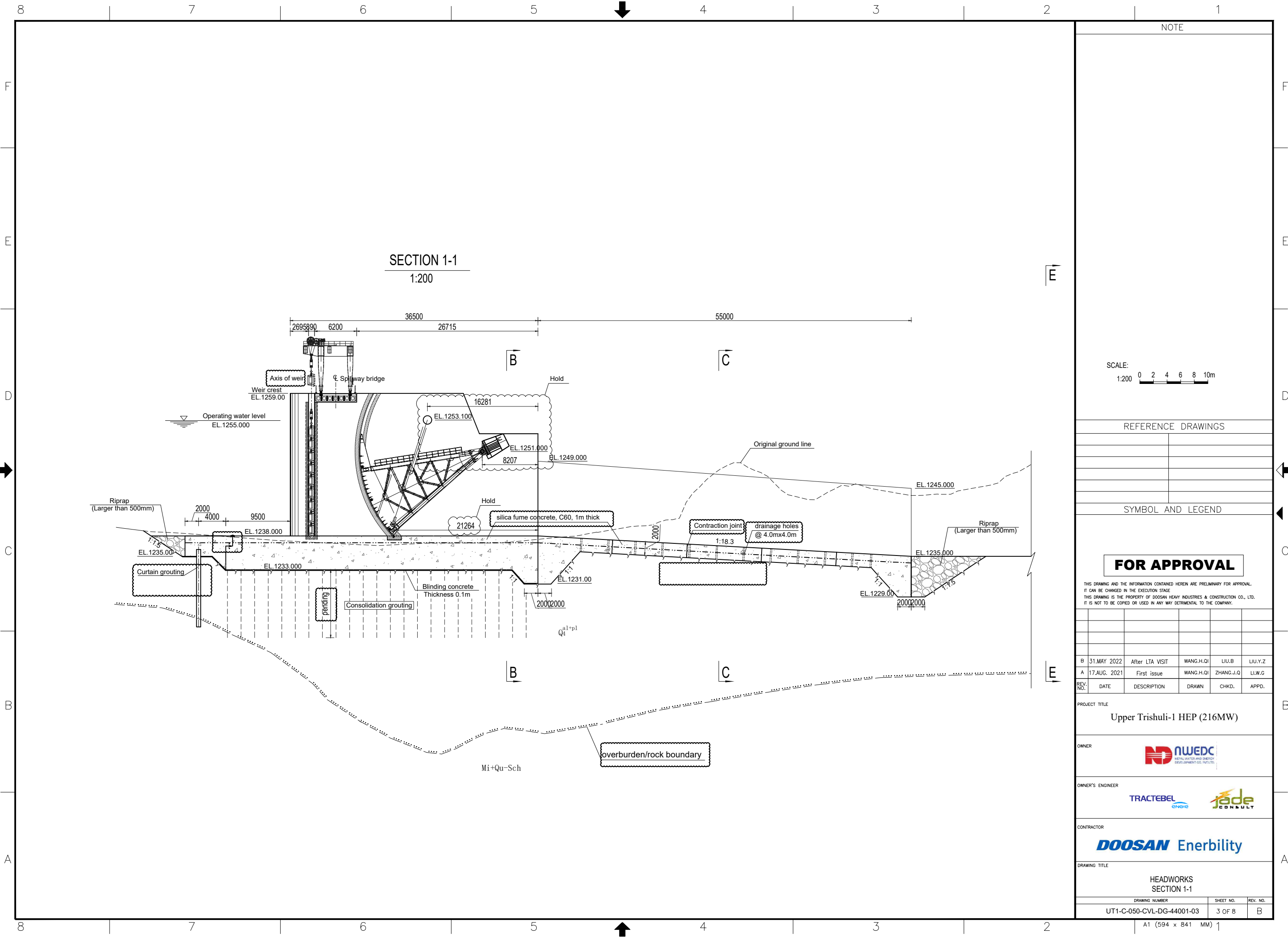
DOOSAN Enerbility

DRAWING TITLE

HEADWORKS
ELEVATION OF WEIR

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44001-02	2 OF 8	B

A1 (594 x 841 MM) 1



NOTE

SCALE:
1:200 0 2 4 6 8 10m

REFERENCE DRAWINGS

SYMBOL AND LEGEND

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A	17.AUG. 2021	First issue	WANG.H.QI	ZHANG.J.Q	LIU.W.G

PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

OWNER
NWEDC
NATIONAL WATER AND ENERGY DEVELOPMENT CO., LTD.

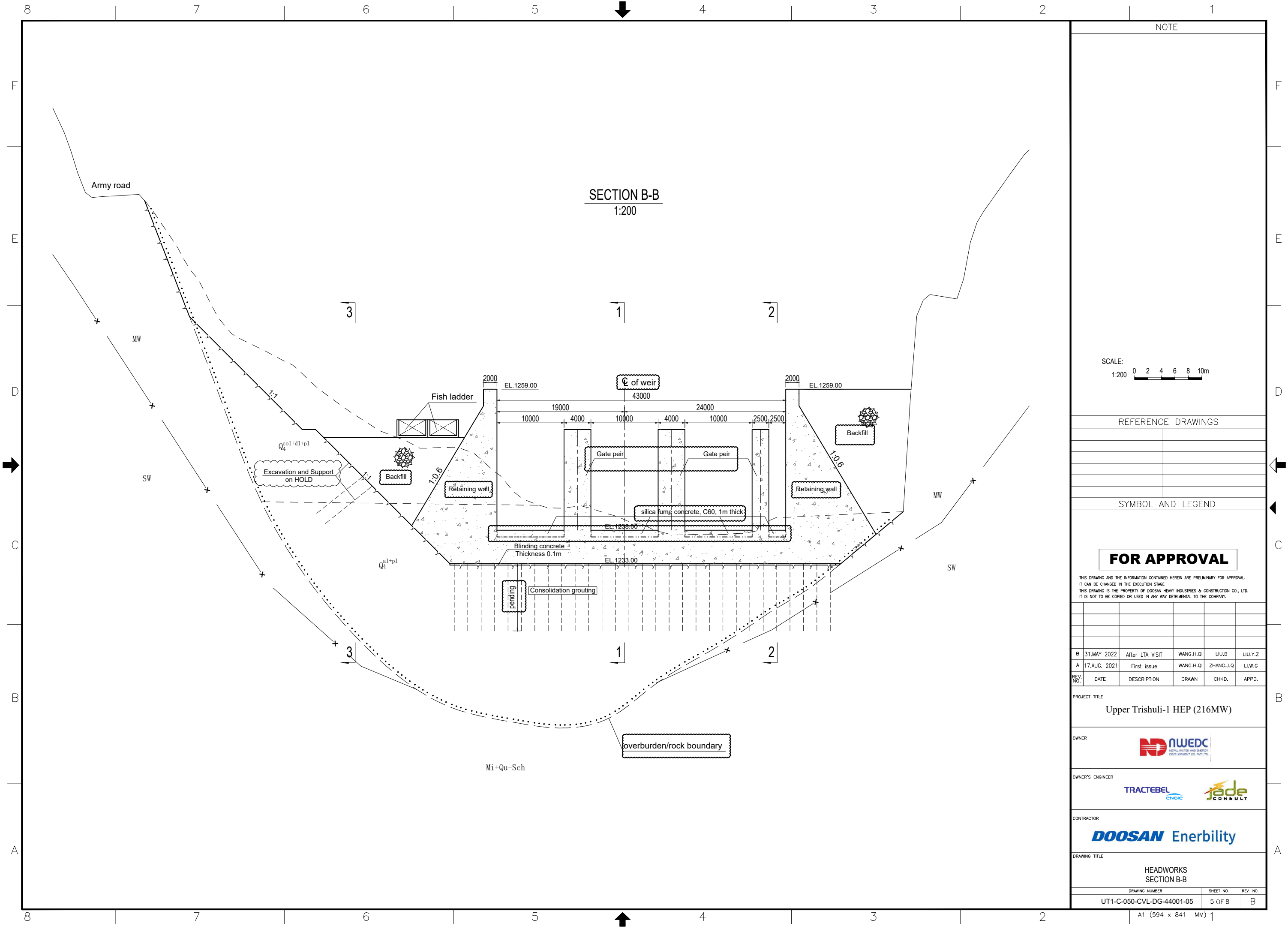
OWNER'S ENGINEER
TRACTEBEL **jade CONSULT**

CONTRACTOR
DOOSAN Enerbility

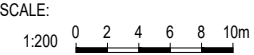
DRAWING TITLE
HEADWORKS
SECTION 1-1

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44001-03	3 OF 8	B

A1 (594 x 841 MM) 1



NOTE



REFERENCE DRAWINGS

SYMBOL AND LEGEND

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A	17.AUG. 2021	First issue	WANG.H.QI	ZHANG.J.Q	LIU.W.G

PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

OWNER
 NWEDC
NATURAL WATER AND ENERGY DEVELOPMENT CO. LTD.

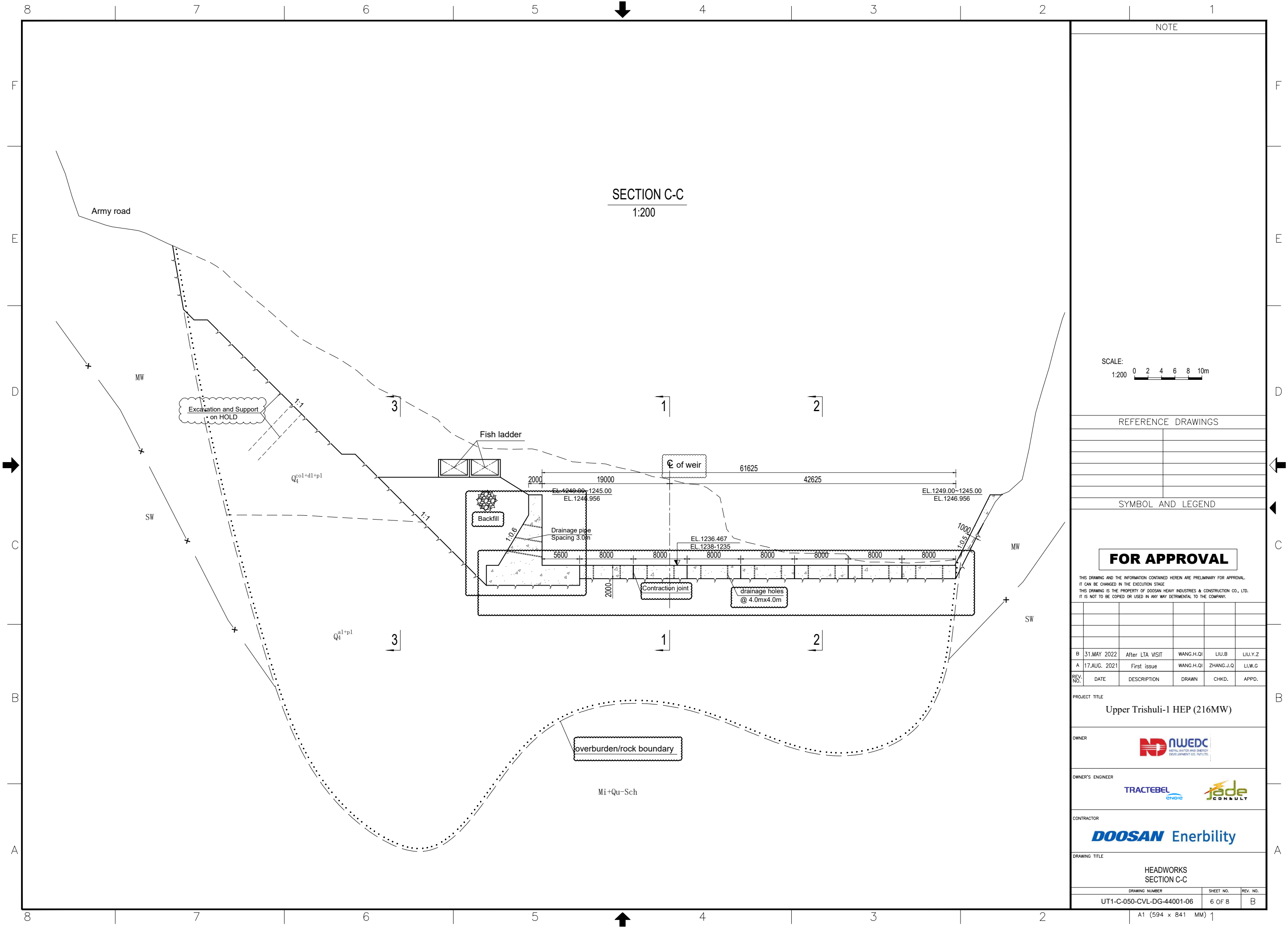
OWNER'S ENGINEER
 TRACTEBEL
 jade CONSULT

CONTRACTOR
 DOOSAN Enerbility

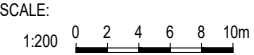
DRAWING TITLE
HEADWORKS
SECTION B-B

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44001-05	5 OF 8	B

A1 (594 x 841 MM) 1



NOTE



REFERENCE DRAWINGS

SYMBOL AND LEGEND

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PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

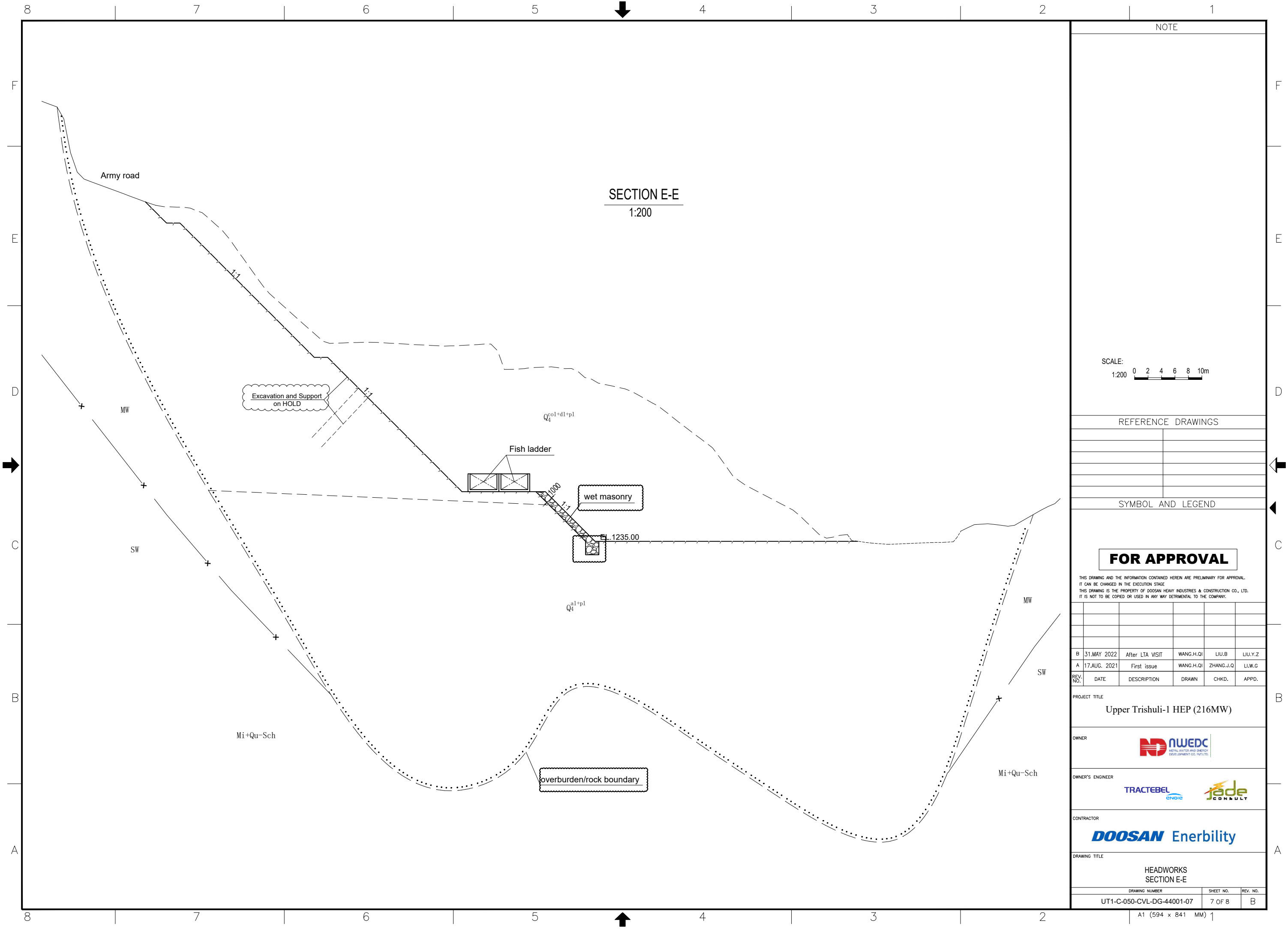
OWNER
NWEDC
NATURAL WATER AND ENERGY DEVELOPMENT CO., LTD.

OWNER'S ENGINEER
TRACTEBEL **jade CONSULT**

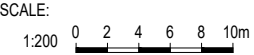
CONTRACTOR
DOOSAN Enerbility

DRAWING TITLE
HEADWORKS
SECTION C-C

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44001-06	6 OF 8	B



NOTE



REFERENCE DRAWINGS

SYMBOL AND LEGEND

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PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

OWNER


OWNER'S ENGINEER


CONTRACTOR

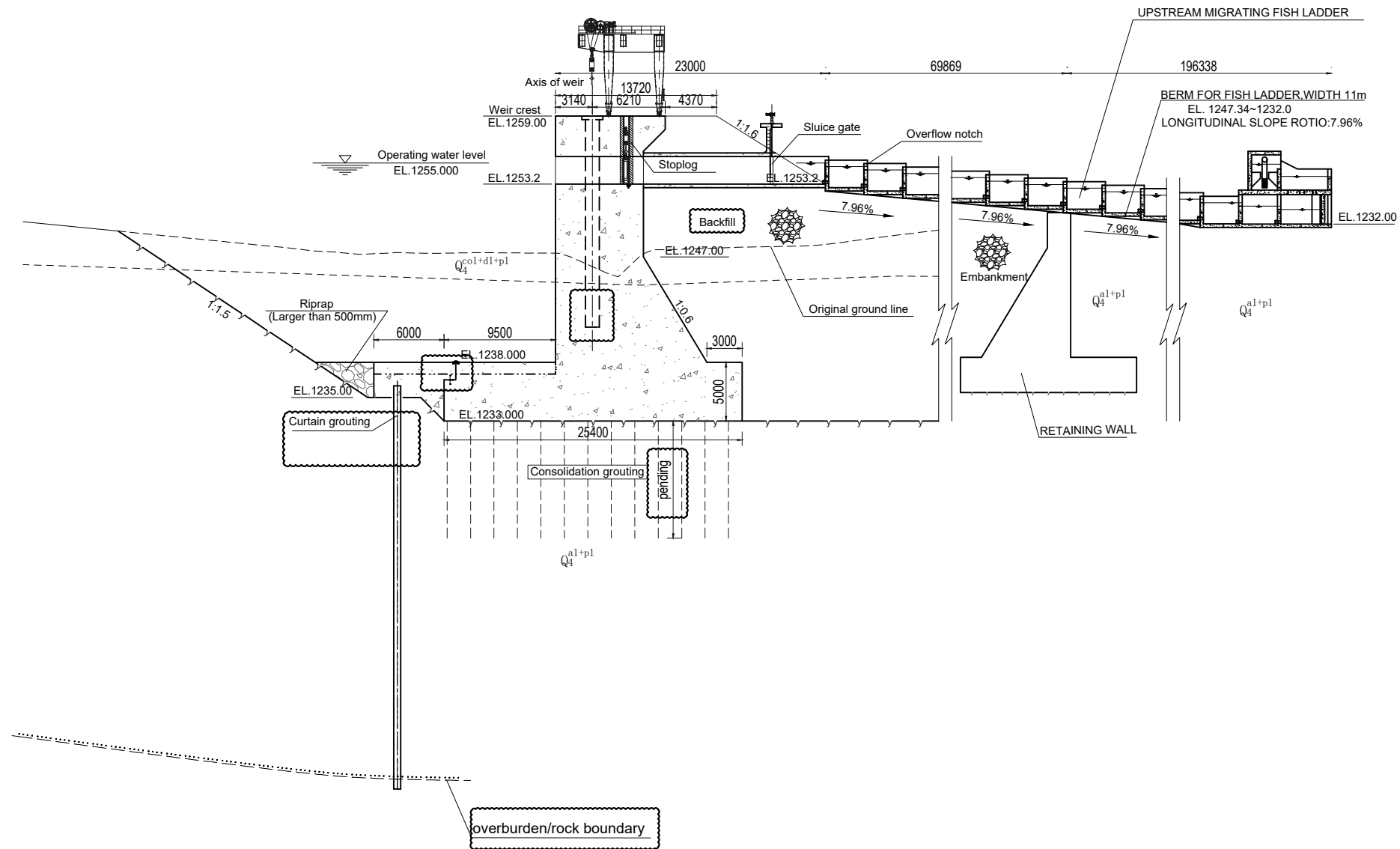

DRAWING TITLE
HEADWORKS
SECTION E-E

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44001-07	7 OF 8	B

A1 (594 x 841 MM) 1

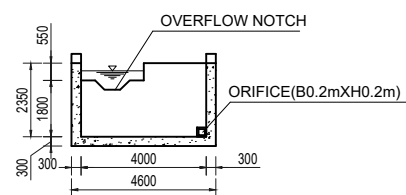
LONGITUDINAL PROFILE OF FISH LADDER

1:200



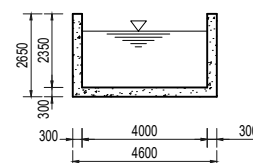
SECTION OF UPSTREAM MIGRATING FISH LADDER

1:100



SECTION OF DOWNSTREAM MIGRATING FISH LADDER

1:100



NOTE

REFERENCE DRAWINGS

SYMBOL AND LEGEND

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PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

OWNER
NWEDC
NATIONAL WATER AND ENERGY DEVELOPMENT CO. LTD.

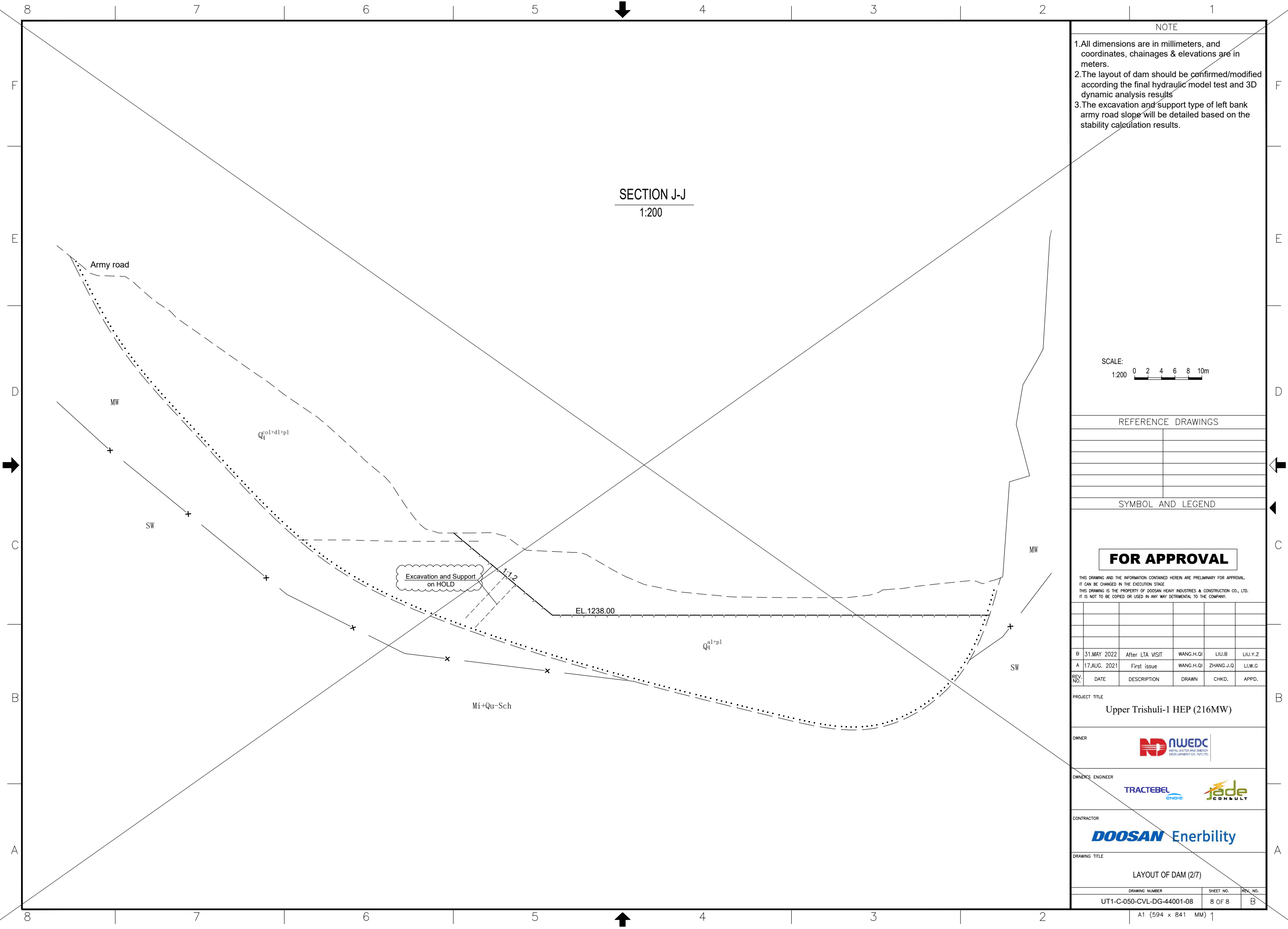
OWNER'S ENGINEER
TRACTEBEL
ENSCHE
jade
CONSULT

CONTRACTOR
DOOSAN Enerbility

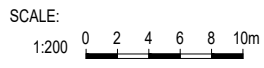
DRAWING TITLE
FISH LADDER
PROFILE AND TYPICAL SECTION

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44001-08	8 OF 8	B

A1 (594 x 841 MM) 1



- NOTE
- 1.All dimensions are in millimeters, and coordinates, chainages & elevations are in meters.
 - 2.The layout of dam should be confirmed/modified according the final hydraulic model test and 3D dynamic analysis results
 - 3.The excavation and support type of left bank army road slope will be detailed based on the stability calculation results.



REFERENCE DRAWINGS	

SYMBOL AND LEGEND

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PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

OWNER


NATIONAL WATER AND ENERGY DEVELOPMENT CO., LTD.

OWNER'S ENGINEER

CONTRACTOR



DRAWING TITLE

LAYOUT OF DAM (2/7)

DRAWING NUMBER	SHEET NO.	REV. NO.
UT1-C-050-CVL-DG-44001-08	8 OF 8	B

A1 (594 x 841 MM) 1